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**State of Delaware**

**Water Pollution Control Revolving Fund**

**Draft Fiscal Year 2009 Intended Use Plan -  
Supplemental**

*prepared by the*

**Financial Assistance Branch**

**Division of Water Resources**

**Department of Natural Resources and Environmental Control**

**March 2009**

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# **Delaware Water Pollution Control Revolving Fund Fiscal Year 2009 Intended Use Plan - Supplemental**

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## **I. INTRODUCTION**

This Intended Use Plan (IUP) is required by Section 606(c) of the Clean Water Act (CWA), and submitted to the U.S. Environmental Protection Agency (EPA) as part of the State of Delaware's Federal Capitalization Grant Application for financial assistance under the American Recovery and Reinvestment Act of 2009 (ARRA). The IUP identifies the intended uses of the funds requested, and how the additional financial assistance will support the goals of the Delaware Water Pollution Control Revolving Loan Fund (WPCRLF). The mission of the WPCRLF is to provide a continuing source of financing for environmental infrastructure capital needs to maintain and improve water quality. Financial assistance is provided by the WPCRLF to public and private entities for planning, design, and construction of wastewater collection, treatment and disposal facilities, and non-point source and estuary water pollution control projects.

All eligible projects and programs submitting Notices-of-Intent (NOIs) are listed on the 2010 Project Priority List (PPL) in priority order. However, no funds are committed or reserved for individual projects until financial assistance applications are solicited, received and approved, indicating the project's readiness to proceed. Projects that are ready to proceed are then funded in priority order. Assistance applications have been received for seven (7) 2009 PPL projects and are being processed; 2010 PPL assistance applications have been requested; and a project refinancing request has been received for a 2008 PPL project that closed on November 21, 2008.

## **II. WPCRLF Program Goals**

The State of Delaware is committed to using the requested federal capitalization grant to provide financial assistance for eligible projects that will proceed quickly to construction, creating jobs and furthering the water quality mission of the WPCRLF. The following are the WPCRLF short-term and long-term goals.

### Short Term Goals

To enter into binding commitments for projects that will proceed to construction or award of construction contracts by February 17, 2010.

To expeditiously fund affordable eligible projects that simultaneously will create jobs, promote economic recovery, and generate long-term benefits from infrastructure investment.

To comply with all federal capitalization grant and project reporting requirements.

To finalize a comprehensive revision of the CWSRF Operating Agreement between EPA and the Delaware Department of Natural Resources and Environmental Control (DNREC) for the administration of the WPCRLF.

### Long Term Goals

To analyze financial leveraging as a tool that may be needed to help meet the growing demand for loans provided by the WPCRLF.

To revise and update the WPCRLF's Project Priority List Ranking Criteria to include non-traditional project categories, such as stormwater, ecological restoration, and sustainable infrastructure.

To expand the loan portfolio of the WPCRLF to include other innovative uses such as Forest Land Conservation Easements, Energy Efficiency, Sustainable Infrastructure, and dedicated loan repayment sources such as Stormwater Utilities.

### **III. Sources and Uses of Funds**

The WPCRLF will receive a \$19,239,100 federal capitalization grant under the ARRA. A state match is not required to receive the federal assistance. Four percent (4%) of the capitalization grant \$769,564 is authorized and will be used for the administration of the WPCRLF. The ARRA requires that at least fifty percent (50%) of the federal capitalization grant \$9,619,550 be used for additional project subsidization (principal forgiveness, negative interest rates, and/or grants). In addition, at least twenty percent (20%) of the federal capitalization grant \$3,847,820 must be used for projects funded under a Green Project Reserve (GPR) - green infrastructure, water or energy efficiency, and innovative use projects.

Table 1  
Sources and Uses of Federal Capitalization Grant

<u>Source</u>	<u>Amount</u>
Federal Capitalization Grant	\$19,239,100
<u>Uses:</u>	
Program Loans	\$ 5,002,166
Project Assistance Subsidization (50%)	\$ 9,619,550
Green Project Reserve (20%)	\$ 3,847,820
WPCRLF Administration (4%)	\$ 769,564
<u>Total Uses</u>	<u>\$19,239,100</u>

### **IV. Project Selection Funding Process**

The selection process for funding municipal wastewater projects was based on three factors: 2009 PPL financial assistance applications solicited and received; 2010 PPL ranking criteria; and projects that could be ready to proceed to construction by December 2009. Seven (7) financial assistance applications were solicited and received from the 2009 PPL for funding consideration totaling approximately \$40 million. The following

two (2) 2009 PPL projects may receive funding in whole or in-part from the ARRA capitalization grant, existing WPCRLF funding, and/or U.S. Department of Agriculture (USDA) funding. The remaining five (5) 2009 PPL projects may be funded in whole or in part with existing WPCRLF and USDA funding. CWSRF projects funded after October 1, 2008 are eligible to be refinanced with ARRA funds. To assist with lowering the project annual sewer rate of \$1,051 in the Angola Neck Sanitary Sewer District, \$1.5 million of an existing CWSRF \$15 million loan may be refinanced with ARRA funds.

Table 2  
FY 2009 Project Priority List Assistance Applications Received

Municipality / Project Name	Estimated Project Costs
Sussex County, Delaware	
• Johnson's Corner Sanitary Sewer District	\$10.95 million
• Woodlands of Millsboro	\$ 1.28 million
• Angola Neck Sanitary Sewer District	\$ 1.50 million refinancing

In December 2009, WPCRLF Workshops were held in all three Delaware Counties to provide an overview of the program and to inform municipalities, consulting engineering firms of the need to submit a Notice-of-Intent (NOI) for the 2010 PPL process by January 30. A total of 97 NOIs were received for wastewater project costs estimated at approximately \$357 million. Funding requests for 76 projects that could proceed to construction by December 2009 were estimated at approximately \$106 million. Wastewater projects were selected for possible funding based on Water Quality Criteria, and on estimated construction start dates (based on submitted project planning and design completion dates). In some cases higher ranked projects were bypassed for projects ready to proceed to construction sooner.

To help ensure an open and competitive process, potential construction-ready projects will be solicited for the GPR (green infrastructure, water and energy efficiency, and innovative uses). Starting March 18, 2009 and continuing through April 20, 2009 projects will be solicited for the GPR. Funding for GPR projects will include the required twenty percent (20%) set aside \$3,847,820 for loans, in addition to \$1,923,910 for loan principal forgiveness. Projects will be selected based on construction readiness and GPR Ranking Criteria.

## V. Project Loan Terms and Interest Rates

The WPCRLF's Interest Rate Policy is based on ninety percent (90%) of the Municipal Bond Yield for AA rated municipal bonds. Municipalities can receive a lower interest rate based on project affordability. To help Delaware's economy recover, the Clean Water Advisory Council (CWAC) has recommended a two percent (2%) interest rate for ARRA and WPCRLF funded projects that can be under contract or in construction by December 2009.

The ARRA requires that not less than fifty percent (50%) of the federal capitalization \$9,619,550 be provided in the form of loan principal forgiveness, negative interest rates, and/or grants. The WPCRLF's Interest Rate Policy includes sewer user charge

affordability criteria based on one and a half percent (1.5%) of Median Household Income (MHI). If the projected sewer rates for a proposed project will increase user charges above 1.5% of a community's MHI, additional financial assistance (if available) can be used to help reduce sewer user rates. The following five (5) projects if funded may receive loan principal forgiveness to help reduce sewer user rates that are projected to significantly exceed 1.5% of MHI.

Table 3  
Possible Principal Forgiveness Projects

<u>Municipality / Project Name</u>	<u>Estimated Project Costs</u>
Sussex County, Delaware	
• Johnson's Corner Sanitary Sewer District	\$10.95 million
• Woodlands of Millsboro	\$ 1.28 million
• Oak Orchard Sanitary Sewer District	\$18.40 million
• Inland Bays Regional WWT Plant Expansion	\$29.00 million
• Angola Neck Sanitary Sewer District	\$ 1.50 million refinance

## **VI. Authority to Provide Additional Subsidization**

The DNREC has the authority to implement the WPCRLF under 29 Del. C. Ch. 80, §8003. The authority includes any other allowable purposes under the CWA as amended.

## **VII. WPCRLF Financial Status**

A compliance and financial audit of the WPCRLF for the year ending June 30, 2008 reported no audit findings or compliance issues. Based on an internal cash flow model developed for the WPCRLF, approximately \$41.7 million is available for new loan disbursements.

## **VIII. Public Review and Comment**

Newspaper notices were posted in the Delaware News Journal and Delaware State News on February 20, 25 and March 4, 5 informing the public of a Public Hearing on March 18 to receive public comment on the 2010 Project Priority List and 2009 Intended Use Plan – Supplemental. Two (2) DNREC Press Releases was posted to DNREC web site to also inform the public of the Public Hearing on March 18. The public hearing record will remain open until April 17 to receive public comment.

A public hearing will be held on April 22, to receive public comment on the project selection for the 20 percent GPR.

## **IX. Assurances**

### Required ARRA Reporting

Delaware will enter all projects funded by the ARRA monies into the CWSRF Benefits Reporting System on an ongoing basis.

Delaware is committed to regular reporting and review of its progress in meeting the timelines established by the ARRA legislation, and will take corrective action as necessary to avoid reallocation of ARRA funds.

#### Loan Agreement Conditions for Recipients

Delaware will include a condition in loan agreements funded by ARRA monies that will require loan recipients to enter into construction contracts and/or start project construction before February 17, 2010.

#### Environmental Reviews

Delaware will meet environmental review requirements by complying with Section IV, paragraph G, of the Operating Agreement between the State of Delaware and the EPA, and Section V of the Regulations Governing the Administration of the WPCRLF.

#### Expedited and Timely Expenditures

Delaware has select projects that will be funded with ARRA monies that may be able to meet the goal of entering into binding commitments for fifty percent (50%) of the capitalization grant award by July 2009.

### **X. CWSRF and DWSRF Federal Fund Transferability**

Delaware reserves the right to transfer ARRA Capitalization Grant monies between the State's WPCRLF and Safe Drinking Water Revolving Loan Fund programs as necessary to ensure the full utilization of the federal assistance.

### **XI. 2010 Project Priority List**

The 2010 PPL provides a list of publicly owned treatment works including: the name of the community, the project type, project description, permit number, type of assistance, assistance amount, subsidy amount, and estimated contract dates (see Attachment A). The list also includes 2009 PPL projects for which assistance applications have been solicited and received; and a 2008 PPL project that may be refinanced. Projects that may be funded with ARRA monies are identified; in addition to projects that could be funded with reallocated ARRA funds from other states should they become available. The remainder of the 2010 PPL includes projects that may be funded in whole or in part with existing CWSRF funds.

### **XII. Non – Federal Administration Account**

Delaware has established a Non-Federal Administration Account (NFAA) funded by a one percent (1%) administrative fee charged on WPCRLF municipal loans. The fee is collected from the interest portion of loan repayments over the term of each loan. The NFAA is accounted for and managed separately from the corpus of the WPCRLF. Funds in the NFAA are not considered WPCRLF program income due to the fact that federal

capitalization grants that originally funded the loans are closed-out prior to receiving fees from completed projects.

Historically, the NFAA has been used to supplement the four percent (4%) program administration allowance associated with each federal capitalization grant, and to fund the salary for a contractual position within the Division of Water Resources Holding Tank Enforcement program. Delaware is now planning to use the NFAA for a number of innovative uses. The planned new uses are consistent with EPA's Guidance on Fees Charged by States to Recipients of CWSRF Program Assistance, 40 CFR Part 35. The following is a list of the current and planned uses for the NFAA. A conservative estimate of the NFAA revenue and planned uses are listed in this document (see Attachment B).

- Supplement 4% CWSRF Capitalization Grant Program Administrative Allowance
- Fund salary and related expenses for Contractual Employee to ensure compliance with Division of Water Resources Holding Tank Enforcement Program
- Provide State Match for CWSRF Capitalization Grants (if necessary) - \$1 million per year starting in FY 2010 through FY 2014
- Fund six (6) Division of Water Resources Positions - \$520,900 per year starting in FY 2010 through FY 2014
- Capitalize a \$2 million Planning and Design Short-Term Revolving Loan Fund - starting with projects on the 2010 PPL
- Fund a revised Due-On-Transfer Septic Extended Funding Option (SEFO) Loan Program – up to \$500,000 per year, \$3 million over six years
- Fund Community Water Quality Grant Projects – starting in FY 2010, \$500,000 per year through FY 2014
- Fund Wastewater Matching Planning Grants – starting in FY 2010, \$150,000 per year through FY 2014
- Fund Stormwater Matching Planning Grants – starting in FY 2010, \$100,000 per year through 2014
- Fund one (1) Stormwater Position in the Division of Soil and Water – starting in FY 2010

The NFAA will be reviewed annually to ensure its sustainability before any additional uses are considered. The WPCRLF's Annual Report will include a description of the NFAA, fees charged, actual use, and the remaining balance in the account.

## Attachment A

PROJECTS THAT MAY RECEIVE ABBIA CAPITALIZATION GRANTS IN ASSISTANCE

**LOAN ASSISTANCE: \$18,469,536**

LOAN PRINCIPAL FORGIVENESS ASSISTANCE: \$9,619,550

## PROJECTS THAT MAY BE FUNDED IN FY 2009 WITH BASE CWSRF LOAN ASSISTANCE: \$41,140,518

PROJECTS MAY BE FUNDED WITH REALLOTTED ARRA ASSISTANCE  
PROJECTS MAY BE FUNDED WITH USDA ASSISTANCE

PROJECTS MAY BE FUNDED WITH REALLOTTED ARRA ASSISTANCE FROM OTHER STATES										
Rank	Source of Funds	Assistance Recipient / Project Name	Population affected by Project	Project Description	NPDEx #	Estimated Date of Construction	Estimated Assistance Amount	Interest Rate	Principal Forgiveness	Repayment Terms
31.	2010 CWSRF	City of Dover Inflow / Infiltration Removal	2,487	Sewer Collection System Rehab	N/A	Apr-09	\$ 1,800,000	2.0		20 years
32.	2010 CWSRF	Rt. 13 Sanitary Sewer Interceptor Project	2,487	Sewer Collection and Transmission System	N/A	Apr-09	\$ 3,362,481	2.0		20 years
82.	2010 CWSRF	New Castle County Chestnut Valley 1 and 2, Stormwater Management Pond Retrofit	0	Stormwater Management Pond Retrofit	TBD / DelDOT and NCC MS4 permit	Apr-09	\$ 125,000	2.0		20 years
83.	2010 CWSRF	New Castle County Country Woods Stormwater Management Pond Retrofit	0	Stormwater Management Pond Retrofit	TBD / DelDOT and NCC MS4 permit	Apr-09	\$ 100,000	2.0		20 years
84.	2010 CWSRF	New Castle County Hills of Hockessin Stormwater Management Pond Retrofit	0	Stormwater Management Pond Retrofit	TBD / DelDOT and NCC MS4 permit	Apr-09	\$ 130,000	2.0		20 years
85.	2010 CWSRF	New Castle County Rockwood Woods Stormwater Management Pond Retrofit	0	Stormwater Management Pond Retrofit	TBD / DelDOT and NCC MS4 permit	Apr-09	\$ 68,000	2.0		20 years
86.	2010 CWSRF	New Castle County Terraces at Iron Hill Stormwater Management Pond Retrofit	0	Stormwater Management Pond Retrofit	TBD / DelDOT and NCC MS4 permit	Apr-09	\$ 160,000	2.0		20 years
16.	2010 USDA	Town of Selbyville East Selbyville Sewer Improvements	500	Sewer Collection and Transmission System	DE 0020010	Jun-09	\$ 2,393,000	2.0		20 years
69.	2010 CWSRF USDA	Town of Smyrna Green Meadows Pump Station & Force Main Replacement	210	Transmission System Replacement	N/A	Jun-09	\$ 195,000	2.0		20 years
80.	2010 CWSRF	New Castle County Barbs Farm Stormwater Management Pond Retrofit	0	Stormwater Management Pond Retrofit	TBD / DelDOT and NCC MS4 permit	Jun-09	\$ 50,000	2.0		20 years
81.	2010 CWSRF	New Castle County Buena Vista Stormwater Management Pond Retrofit	0	Stormwater Management Pond Retrofit	TBD / DelDOT and NCC MS4 permit	Jun-09	\$ 100,000	2.0		20 years
12.	2010 CWSRF	Kent County Regional WWF Renewable Energy Park and Training Center	82,000	Green Infrastructure - Energy Efficiency	DE002338	Mar-11	\$ 16,365,137	2.0		20 years
21.	2010 CWSRF	Kent County Ultraviolet (UV) Disinfection System	82,000	WWTF Plant Improvements	DE 002338	Jul-09	\$ 1,560,000	2.0		20 years
28.	2010 CWSRF	City of Dover Delaware State Pumping Station Replacement #18	4,192	Pump Station Replacement	N/A	Jul-09	\$ 336,400	2.0		20 years
34.	2010 CWSRF	City of Dover Fox Hall Retreat Main Rerouting	1,029	Sewer Transmission System	N/A	Jul-09	\$ 107,200	2.0		20 years

PROJECTS THAT MAY BE FUNDED IN FY 2009 WITH BASE CWSRF LOAN ASSISTANCE: \$41,140,518

PROJECTS MAY BE FUNDED WITH REALLOCATED ARRA ASSISTANCE FROM OTHER STATES

Rank	Year	Source of Funds	Assistance Recipient / Project Name	Population affected by Project	Project Description	NPDES #	Estimated Date of Construction	Estimated Assistance Amount	Interest Rate	Principal Forgiveness	Repayment Terms
35	2010	CWSRF	City of Dover Acorn Lane Pumping Station Replacement #24	1,029	Pump Station Replacement	N/A	Jul-09	\$ 336,400	2.0		20 years
14	2010	CWSRF USDA	Town of Seabrook WWTF Plant Improvements, Phases 3 and 4	1,800	WWTF Plant Improvements	DE 0020010	Aug-09	\$ 4,410,900	2.0		20 years
5	2010	CWSRF	State of Delaware Non-Point Source Water Polluting Control Loan Program	400,000	Non-Point Source Program	N/A	Continuous	\$ 1,500,000	2.0		20 years
38	2010	USDA	Town of Smyrna Sewer Infrastructure: Duck Creek to State Route 1	4,600	Sewer Collection System: Duck Creek to State Route 1	TBD	Aug-09	\$ 1,650,000	2.0		20 years
65	2010	CWSRF	Town of Smyrna Stormwater Improvements Phase II	956	Stormwater Management Pond Retrofit	N/A	Aug-09	\$ 275,000	2.0		20 years
68	2010	CWSRF USDA	Town of Smyrna Upgrades of New St. Pump Station	315	Pump Station Upgrade	N/A	Aug-09	\$ 200,000	2.0		20 years
73	2010	CWSRF USDA	Town of Smyrna Upgrades of West Shore Pump Station	74	Pump Station Upgrade	N/A	Aug-09	\$ 33,000	2.0		20 years
74	2010	CWSRF USDA	Town of Smyrna Sanitary Sewer Replacement along S. Main St. in downtown Smyrna	0	Collection System Replacement	N/A	Aug-09	\$ 328,000	2.0		20 years
75	2010	CWSRF USDA	Town of Smyrna Sanitary Sewer Replacement along N. Main St. in downtown Smyrna	0	Collection System Replacement	N/A	Aug-09	\$ 458,000	2.0		20 years
76	2010	CWSRF USDA	Town of Smyrna Sanitary Sewer Replacement along E. Commerce St. in downtown Smyrna	0	Collection System Replacement	N/A	Aug-09	\$ 516,000	2.0		20 years
77	2010	CWSRF USDA	Town of Smyrna Sanitary Sewer Replacement along W. Commerce St. in downtown Smyrna	0	Collection System Replacement	N/A	Aug-09	\$ 401,000	2.0		20 years
78	2010	CWSRF USDA	Town of Smyrna Replacement/Upgrades of Sanitary Sewer Mains on South Street.	0	Collection System Replacement	N/A	Aug-09	\$ 1,540,000	2.0		20 years
79	2010	CWSRF USDA	Town of Smyrna Sanitary Sewer Replacement on W. Cummins St.	0	Collection System Replacement	N/A	Aug-09	\$ 495,000	2.0		20 years
87	2010	CWSRF	Airport Industrial Park 2 Stormwater Management Farm Retrofit	0	Stormwater Management Pond Retrofit	TBD / DelDOT and NECC MS4 permit	Aug-09	\$ 120,000	2.0		20 years
7	2010	CWSRF	City of Wilmington Biosedimentation Facility along Red Oak Road	72,000	Green Infrastructure	DE0020320	Nov-09	\$ 175,000	2.0		20 years
17	2010	CWSRF	City of Wilmington Green Infrastructure Projects for the TMOL areas	72,000	Green Infrastructure	DE 0020320	Dec-09	\$ 1,850,000	2.0		20 years

PROJECTS THAT MAY BE FUNDED IN FY 2009 WITH BASE CWSRF LOAN ASSISTANCE: \$41,140,518

REMAINDER OF 2010 PPL PROJECTS: \$92,617,409

PROJECT MAY BE FUNDED WITH CWSRF LOAN REPAYMENTS IN FY 2010

Rank	Year	Source of Funds	Assistance Recipient / Project Name	Population affected by Project	Project Description	NPDES #	Estimated Date of Construction	Estimated Assistance Amount	Interest Rate	Principal Forgiveness	Repayment Terms
2	2010	CWSRF USDA	Town of Georgetown Northbound Conveyance System Scope A	3,067	Sewer Transmission System	N/A	Apr-10	\$ 427,700	TBD		20 years
3	2010	CWSRF USDA	Town of Georgetown Northbound Conveyance System Scope B	3,067	Sewer Transmission System	N/A	Apr-10	\$ 1,802,300	TBD		20 years
4	2010	CWSRF USDA	Town of Laurel Highway 13 Corridor Sewer Extension	3,668	Sewer Collection and Transmission System	N/A	Nov-10	\$ 10,480,049	TBD		20 years
6	2010	CWSRF USDA	Sussex County Marsh Island / Joy Beach Expansion of the Angola Neck Sanitary Sewer District	11,095	Sewer Collection/Transmission System	WPCC-3042C-90	Oct-09	\$ 3,376,950	TBD		20 years
8	2010	CWSRF USDA	Sussex County Tanglewood / Oak Acres Collection System	256	Sewer Collection and Transmission System	00500008 (SCRWF)	Jun-09	\$ 3,026,000	TBD		20 years
9	2010	CWSRF USDA	Sussex County Magnolia Shores / Old Mill Bridge Road Gravity and Force main	686	Sewer Collection and Transmission System	00500008 (SCRWF)	Jun-09	\$ 700,000	TBD		20 years
10	2010	CWSRF USDA	Sussex County Beaver Dam Road Expansion MCSO	168	Sewer Collection and Transmission System	00500008 (SCRWF)	Jun-09	\$ 1,040,000	TBD		20 years
11	2010	CWSRF USDA	Sussex County Wolfe Neck Regional Wastewater Facility Expansion	142,333	Regional WWF Treatment and Disposal Expansion	LTS-5005-95-05 (spray permit)	Jul-09	\$ 20,000,000	TBD		20 years
15	2010	CWSRF USDA	Sussex County Millville Expansion of the Bethany Beach Sanitary Sewer District (Contract F)	1,523	Sewer Collection and Transmission System	00500008 (SCRWF)	Sep-09	\$ 4,000,000	TBD		20 years
18	2010	CWSRF	New Castle County Piney Neck Road Expansion DFSSD	3,028	Sewer Collection and Transmission System	WPCC-3042196	Dec-09	\$ 1,400,000	TBD		20 years
19	2010	CWSRF	New Castle County Covered Bridge Farms Septic Elimination	500	Sewer Collection and Transmission System	TBD	Jul-09	\$ 11,450,000	TBD		20 years
20	2010	CWSRF	New Castle County North Star Septic Elimination	525	Sewer Collection and Transmission System	TBD	Jul-09	\$ 6,800,000	TBD		20 years
22	2010	CWSRF USDA	City of Milford North Shores Subdivision Sewer Extension Project	163	Sewer Collection and Transmission System	N/A	Apr-10	\$ 1,083,714	TBD		20 years
23	2010	CWSRF	New Castle County Tenby Chase Septic Elimination	120	Sewer Collection and Transmission System	TBD	Jul-09	\$ 1,675,000	TBD		20 years

REMAINDER OF 2010 PPL PROJECTS: \$292,617,409

**PROJECT MAY BE FUNDED WITH CWSRF LOAN REPAYMENTS IN FY 2010**

Rank	Year	Source of Funds	Assistance Recipient / Project Name	Population affected by Project	Project Description	NPDES #	Estimated Date of Construction	Estimated Assistance Amount	Interest Rate	Principal Forgiveness	Repayment Terms
24	2010	CWSRF	New Castle County Hillstream II Septic Elimination	120	Sewer Collection and Transmission System	TBD	Jul-09	\$ 1,675,000	TBD		20 years
25	2010	USDA	CWSRF South Bedford Pump Station Upgrade	168	Pump Station Upgrade	N/A	May-10	\$ 490,000	TBD		20 years
26	2010	CWSRF	New Castle County Marilyn Drive Septic Elimination	15	Sewer Collection and Transmission System	TBD	Jul-09	\$ 375,000	TBD		20 years
27	2010	USDA	CWSRF North Front Street Sewer Replacement Project	6,500	Sewer Collection System Rehab	N/A	Apr-10	\$ 2,646,082	TBD		20 years
29	2010	USDA	CWSRF Town of Laurel Rossakatum Branch Sewer Crossing	3,668	Sewer Collection and Transmission System	N/A	Jan-10	\$ 227,371	TBD		20 years
30	2010	USDA	CWSRF Town of Delmar Sewerage Infiltration and Inflow Investigation and Repair	3,500	Sewer Collection System Rehab	00-DP-0593A	Mar-11	\$ 343,000	TBD		20 years
33	2010	USDA	CWSRF Town of Bridgeville Hydrogeologic Study for the Wheatly Property	2,273	Planning Study	DE 0020249	Mar-10	\$ 400,000	TBD		20 years
36	2010	USDA	CWSRF Route 1 East Sewer Extension Project	0	Collection and Transmission System Expansion	N/A	Jul-10	\$ 3,953,010	TBD		20 years
37	2010	USDA	CWSRF Sussex County Concord Road Expansion Blades Sanitary Sewer District	256	Collection and Transmission System Expansion	N/A	Sep-09	\$ 500,000	TBD		20 years
39	2010	CWSRF	New Castle County Brandywine Hundred Clearwater Removal Program	75,000	Stormwater Pond Retrofit	N/A	Apr-11	\$ 20,900,000	TBD		20 years
40	2010	CWSRF	New Castle County New Castle Area Manhole Rehabilitation	45,000	Manhole Rehab	N/A	Jul-09	\$ 1,200,000	TBD		20 years
41	2010	CWSRF	New Castle County North Delaware Interceptor Replacement	45,000	Collection System Replacement	N/A	Apr-09	\$ 17,000,000	TBD		20 years
42	2010	USDA	CWSRF Sussex County South Coastal Regional Wastewater Facility Surge Solution	38,500	WWTP Upgrade	Inland Bays / NPDES - 0050008 (SCRFW)	Aug-09	\$ 60,000	TBD		20 years
43	2010	CWSRF	New Castle County Bringhurst Woods Interceptor Improvements	35,000	Collection System Replacement	N/A	Sep-09	\$ 6,500,000	TBD		20 years
44	2010	CWSRF	New Castle County Pike Creek Manhole Rehabilitation	20,000	Manhole Rehab	N/A	Jul-09	\$ 300,000	TBD		20 years

**REMAINDER OF 2010 PPL PROJECTS: \$292,617,499**

**PROJECT MAY BE FUNDED WITH CWSRF LOAN REPAYMENTS IN FY 2010**

45	2010	CWSRF	New Castle County Knollwood Interceptor	14,500	Collection System Replacement	N/A	Jan-11	\$ 11,500,000 TBD
46	2010	CWSRF	New Castle County 2008 Countywide Trenchless Rehabilitation	12,250	Collection System Replacement	N/A	Sep-09	\$ 3,950,000 TBD
47	2010	CWSRF	New Castle County Old State Road Interceptor Improvement	11,500	Collection System Replacement	N/A	Sep-09	\$ 975,000 TBD
48	2010	CWSRF	New Castle County Pike Creek Interceptor Replacement	9,800	Collection System Replacement	N/A	Jun-09	\$ 2,000,000 TBD
49	2010	CWSRF	New Castle County South Delaware Section 4 Interceptor Replacement	8,000	Collection System Replacement	N/A	Sep-09	\$ 650,000 TBD
50	2010	CWSRF	New Castle County Farmhurst Pump Station Improvements	5,250	Pump Station Upgrade	N/A	Sep-09	\$ 660,000 TBD
51	2010	USDA	Town of Laurel Willow Street Culvert	3,658	Collection System Replacement	N/A	Jan-10	\$ 287,875 TBD
52	2010	CWSRF	New Castle County Sunny Brae Interceptor Replacement	3,500	Collection System Replacement	N/A	Aug-09	\$ 4,175,000 TBD
53	2010	CWSRF	New Castle County Surrey Park Trunk Line Replacement	3,000	Collection System Replacement	N/A	Apr-09	\$ 3,600,000 TBD
54	2010	USDA	Town of Smyrna Upgrade of Greens Branch Pump Station for High School expansion	2,625	Pump Station Upgrade	N/A	Aug-09	\$ 520,000 TBD
55	2010	CWSRF	New Castle County Hyde Run Interceptor Improvement - Section 4-7, Phase I	2,500	Collection System Improvement	N/A	Jun-09	\$ 1,200,000 TBD
56	2010	CWSRF	New Castle County NB 2009 - Trenchless Rehabilitation	2,000	Collection System Improvement	N/A	Jun-09	\$ 6,125,000 TBD
57	2010	CWSRF	New Castle County Delaware City Pump Station Improvements	2,000	Pump Station Upgrade	N/A	Sep-09	\$ 600,000 TBD
58	2010	CWSRF	New Castle County / Jason Zern.302-355-5780	2,000	Boxwood Sanitary Sewer Improvement	N/A	Aug-09	\$ 825,000 TBD
59	2010	CWSRF	New Castle County Delaware City Sewer Replacement -Phase 3	1,500	Collection and Transmission System Replacement	N/A	Apr-09	\$ 4,000,000 TBD

**REMAINDER OF 2010 PPL PROJECTS: \$292,617,409**

**PROJECT MAY BE FUNDED WITH CWSRF LOAN REPAYMENTS IN FY 2010**

60	2010	CWSRF	New Castle County Brandywood Trunk Line Replacement	1,500	Collection System Replacement	N/A	Jun-09	\$ 3,500,000	TBD
			New Castle County Greenville Basin Manhole Rehabilitation	1,000	Manhole Rehab	N/A	Apr-09	\$ 400,000	TBD
61	2010	CWSRF	New Castle County Maple Square Collector System Replacement	1,000	Collection System Replacement	N/A	Sep-09	\$ 3,000,000	TBD
62	2010	CWSRF	New Castle County Robscott Manor Pump Station Improvements	1,000	Pump Station Upgrade	N/A	Aug-09	\$ 270,000	TBD
63	2010	CWSRF	New Castle County River Road Force Main Replacement	1,000	Collection System Replacement	N/A	Sep-09	\$ 350,000	TBD
64	2010	CWSRF	New Castle County Edgemoor Gardens Collector System Replacement	700	Collection System Replacement	N/A	Aug-09	\$ 4,325,000	TBD
66	2010	CWSRF	New Castle County St. Georges Pump Station Improvements	600	Pump Station Upgrade	N/A	Sep-09	\$ 460,000	TBD
67	2010	CWSRF	New Castle County Reserves at Ironside Pump Station Improvements	200	Pump Station Upgrade	N/A	Sep-09	\$ 375,000	TBD
70	2010	CWSRF	New Castle County Greenville Manor Pump Station Improvements	200	Pump Station Upgrade	N/A	Sep-09	\$ 545,000	TBD
71	2010	CWSRF	New Castle County Augustine Beach Sewer Improvements	150	Collection System Improvement	N/A	Jun-09	\$ 325,000	TBD
72	2010	CWSRF	New Castle County Winterset Farms Collector System Replacement	634	Collection System Replacement	N/A	Jul-09	\$ 2,550,000	TBD
88	2010	CWSRF	DNREC State of Delaware Non-Point Source Water Polluting Control Loan Program	400,000	Non-Point Source Water Polluting Control Loan Program	N/A	Continuous	\$ 1,500,000	TBD
1	2011	CWSRF	Sussex County Western Sussex Regional Wastewater Facility	9,800	WWTP Upgrade	N/A	Jul-10	\$ 10,000,000	TBD
2	2011	CWSRF USDA	Selbyville / Robert Dickerson, 302-436-8314	400	West Selbyville Sewer Improvements	Inland Bays / NPDES DE 0020010	Jul-10	\$ 3,098,500	TBD
3	2011	CWSRF USDA							20 years

**REMAINDER OF 2010 PPL PROJECTS: \$292,617,499**

**PROJECT MAY BE FUNDED WITH CWSRF LOAN REPAYMENTS IN FY 2010**

4	2011	CWSRF USDA	City of Seaford Seaford Wastewater Treatment Septage Receiving and Grit Removal	7,200	WWTP Upgrade	Nanticoke River / NPDES DE 0020265	Mar-11	\$ 3,246,908	TBD
5	2011	CWSRF USDA	Sussex County SR 26 Phase II Expansion	7,300	Collection and Transmission System Expansion	Inland Bays / NPDES - 0050008 (SCRWF)	Jul-10	\$ 2,680,000	TBD
6	2011	CWSRF	City of Newark Rehabilitation of Sewer Lines along the Christina and White Clay Creeks	28,547	Sewer Transmission System	N/A	Mar-11	\$ 3,500,000	TBD
7	2011	CWSRF	City of Newark Removal of 1.5 Miles of Sewer Line along the White Clay Creek	28,547	Sewer Transmission System	N/A	Mar-11	\$ 350,000	TBD
8	2011	CWSRF	New Castle County Governor Printz Interceptor Replacement	35,000	Collection System Replacement	N/A	Apr-10	\$ 20,900,000	TBD
9	2011	CWSRF	New Castle County State Road Interceptor Improvement	0	Collection System Improvement	N/A	Dec-09	\$ 700,000	TBD
1	2012	CWSRF USDA	City of Rehoboth Beach Ocean Outfall Disposal	1,495	Ocean Outfall Disposal	DE 0020028	Mar-11	\$ 36,000,000	TBD
2	2012	CWSRF	State of Delaware Non-Point Source Water Polluting Control Loan Program	400,000	Non-Point Source Water Polluting Control Loan Program	N/A	Continuous	\$ 1,500,000	TBD
3	2012	CWSRF	Town of Greenwood Greenwood Wastewater Facility	508	New Wastewater Facility	N/A	Mar-11	\$ 8,590,000	TBD
1	2013	CWSRF	DNREC State of Delaware Non-Point Source Water Polluting Control Loan Program	400,000	Non-Point Source Water Polluting Control Loan Program	N/A	Continuous	\$ 1,500,000	TBD
1	2014	CWSRF	DNREC State of Delaware Non-Point Source Water Polluting Control Loan Program	400,000	Non-Point Source Water Polluting Control Loan Program	N/A	Continuous	\$ 1,500,000	TBD
1	2015	CWSRF	DNREC State of Delaware Non-Point Source Water Polluting Control Loan Program	400,000	Non-Point Source Water Polluting Control Loan Program	N/A	Continuous	\$ 1,500,000	TBD

Subtotal Remaining  
\$ 2,756,455

## Attachment B - Non-Federal Administrative Account

### NON FEDERAL ADMINISTRATIVE ACCOUNT (8822)

#### Sources of Revenue:

	FY 06	FY 07	FY 08	FY 09	FY 10	FY 11	FY 12	FY 13	FY 14
1. Investment Interest	179,000	294,000	312,000	190,000	190,000	190,000	190,000	190,000	190,000
2. Admin Fcc - Projects	973,000	1,376,000	1,615,000	1,657,000	1,673,570	1,690,306	1,707,209	1,724,281	1,741,524
3. Admin Fcc - NPS			2,000	1,000	1,000	1,000	1,000	1,000	1,000
Total Annual Revenues	\$1,154,000	\$1,671,000	\$1,929,000	\$1,848,000	\$1,864,570	\$1,881,306	\$1,898,209	\$1,915,281	\$1,932,524

#### Current Use of Funds:

4. FAB Admin Expenses	\$76,000	627,000	617,000	755,000	\$30,500	913,550	1,004,905	1,105,396	1,215,935
<u>Non Federal Admin Fund Growth:</u>	<u>\$558,000</u>	<u>\$1,044,000</u>	<u>\$1,312,000</u>	<u>\$1,093,000</u>	<u>\$1,034,070</u>	<u>\$967,756</u>	<u>\$893,504</u>	<u>\$809,885</u>	<u>\$716,589</u>
<u>Non Federal Admin Fund Cumulative:</u>	<u>\$5,579,000</u>	<u>\$6,623,000</u>	<u>\$7,935,000</u>	<u>\$9,028,000</u>	<u>\$10,022,070</u>	<u>\$11,029,826</u>	<u>\$11,923,129</u>	<u>\$12,733,015</u>	<u>\$13,449,603</u>

#### New Uses of Funds:

5. CWSRF State Match		1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
6. Water Resource Salaries		520,900	572,990	630,289	693,318	762,650			
7. Planning & Design RLF (Loans)		2,000,000							
8. SEFO Program	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000
9. Community Water Quality Projects		500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000
10. Wastewater Matching Grants		150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000
11. Stormwater Matching Grants		100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000
12. Stormwater Position Salary		66,500	73,150	80,465	88,512	97,363			
Total Proposed Usages		\$500,000	\$4,837,400	\$2,896,140	\$2,960,754	\$3,031,829	\$3,110,012		
<u>Non Federal Admin Annual Balance:</u>	<u>\$5,579,000</u>	<u>\$6,623,000</u>	<u>\$7,935,000</u>	<u>\$8,528,000</u>	<u>\$8,224,670</u>	<u>\$8,133,686</u>	<u>\$8,962,375</u>	<u>\$9,701,185</u>	<u>\$10,339,591</u>

#### Notes:

- 1 Investment Interest is assumed to remain flat
- 2 Admin Fcc - Projects is increasing by 1% per year starting in FY 2010
- 3 Admin Fcc - NPS is assumed to remain flat
- 4 FAB Admin Expenses are salaries and overhead increasing by 10% per year starting in FY 2010
- 5 CWSRF State Match is required to match federal cap grant \$1 million will secure \$5 million in federal funds
- 6 Water Resource Salaries increase by 10% per year starting in FY 2010
- 7 Planning & Design RLF are short-term loans for communities - one time seed money
- 8 SEFO Program - Due On Transfer Loans for low-income homeowners septic rehabilitation program
- 9 Community Water Quality Projects - grants will be used to fund water quality improvement projects
- 10 Wastewater Match Grant to be used to support new CWSRF Loans
- 11 Stormwater Match Grant to be used to support new CWSRF Loans
- 12 Stormwater Position to help administer Stormwater CWSRF Loan Program - \$50k Salary plus OECs



## **State of Delaware**

### **Water Pollution Control Revolving Fund**

### **Fiscal Year 2010 Project Priority List**

*prepared by the*

**Financial Assistance Branch**

**Division of Water Resources**

**Department of Natural Resources and Environmental Control**

February 2009

**FY 2010 PROJECT PRIORITY LIST**  
*for the*  
**DELAWARE WATER POLLUTION CONTROL REVOLVING FUND**

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**I. NARRATIVE**

The Fiscal Year 2010 Project Priority List is the eighteenth Project Priority List prepared for the Delaware Water Pollution Control Revolving Fund (WPCRF). The Secretary of the Department of Natural Resources and Environmental Control (DNREC) is empowered to administer the WPCRF in accordance with the requirements set forth in Title VI of the Federal Clean Water Act (CWA) as amended by the Water Quality Act of 1987 and by 29 Del C., Chapter 80, §8003.

The preparation of the Project Priority List (PPL) is an annual function specified in the WPCRF Operating Agreement between the DNREC and the USEPA, Region III. A public hearing in accordance with the provision of 29 Del C. Chapter 80, §8003(11)(d)(2), will be held March 18, 2009.

**II. WPCRF PROGRAM**

The first step in the preparation of the FY 2010 PPL was the filing of Notices of Intent by eligible agencies. On December 30, 2008, all potential WPCRF participants were sent a letter notifying them of the need to file a Notice-of-Intent by January 30, 2009. Follow up telephone calls were made as appropriate. Based upon the responses received and the available funds, the Draft FY 2010 PPL was developed. The procedure for preparing the PPL is established in the Standard Operating Procedures for the Delaware Water Pollution Control Revolving Loan Fund. The PPL establishes a ranking of the projects that may be funded. The requested project assistance from this PPL will be funded in part from a 2009 Federal Capitalization Grant funded under the American Recovery and Reinvestment Act of 2009 (ARRA). The 2009 Intended Use Plan – Supplemental, identifies how the ARRA funds will be used and which projects from the 2010 PPL may receive funding.

Ninety-seven (97) Notice-of-Intents were received from seventeen (17) eligible municipal governments and four (4) expanded use programs were submitted for continued funding. Considering the amount of the ARRA Grant, existing WPCRLF funds available for loan disbursement and possible project co-funding with the U.S. Department of Agriculture (USDA), an estimated \$94.6 million in projects may be funded. For FY 2010, approximately \$1.5 million will be allotted for approved expanded use programs (septic system remediation, agricultural non-point source projects, removal of leaking underground storage tanks, and nutrient management programs).

**III. Fiscal Year 2010 Project Priority List:**

Rank	Year	Priority Points	Municipality/Contact Person	Project Title	Population affected by Project	Waterbody/NPDES	SRF Funding Request
1	2010	81.3	Sussex County/John Ashman, 302-855-1299	Oak Orchard Sanitary Sewer District Expansion #1/ John Ashman, SC 302-855-1299	2,362	Inland Bays/WPCC-3042C-90 (Spray permit IBRWF)	\$18,400,000
2	2010	79.9	Georgetown/Gene Dvornik, 302-856-7391	Georgetown Northbound Conveyance System - Scope A	3,067	Inland Bays/n/a	\$ 855,400
3	2010	79.9	Georgetown/Gene Dvornik, 302-856-7391	Georgetown Northbound Conveyance System - Scope B	3,067	Inland Bays/n/a	\$ 1,802,300
4	2010	71.1	Laurel/Woody Vickers, 302-875-2277	Highway 13 Corridor Sewer Extension	3,668	Broad Creek/n/a	\$10,480,049
5	2010	70.0	DNREC/Carla Waller, DNREC 302-739-9941	State of Delaware Non-Point Source Water Polluting Control Loan Program	400,000	State-wide/NA	\$ 1,500,000
6	2010	62.0	Sussex County/John Ashman, 302-855-1299	Marsh / Joy Beach Expansion of the Angola Neck Sanitary Sewer District	11,095	Inland Bays/WPCC-3042C-90 (Spray permit IBRWF)	\$ 3,376,950
7	2010	54.0	Wilmington/Kash Srinivasan, 302-576-3070	Bioretention Facility along Red Oak Road	72,000	Brandywine Creek/ DE0020320 (Wilmington WWTP)	\$ 175,000
8	2010	52.4	Sussex County/John Ashman, 302-855-1299	Tanglewood/Oak Acres Collection System	256	Inland Bays/NPDES - 0050008 (SCRWF)	\$ 3,026,000

Rank	Year	Priority Points	Municipality/Contact Person	Project Title	Population affected by Project	Waterbody/NPDES	SRF Funding Request
9	2010	51.6	Sussex County/John Ashman, 302-855-1299	Magnolia Shores/Old Mill Bridge Road Gravity and Force main	686	Inland Bays/NPDES - 0050008 (SCRWF)	\$ 700,000
10	2010	50.9	Sussex County/John Ashman, 302-855-1299	Beaver Dam Road Expansion MCSSD	168	Inland Bays/NPDES - 0050008 (SCRWF)	\$ 1,040,000
11	2010	50.0	Sussex County/John Ashman, 302-855-1299	Wolfe Neck Regional Wastewater Facility expansion	142,333	Inland Bays/LTS-5-005-95-05 (spray permit)	\$20,000,000
12	2010	50.0	Kent County Hans Medlarz, 302-744-2430	Kent County Regional Wastewater Treatment Facility Renewable Energy Park and Training Center	82,000	Murderkill River/ DE002338	\$16,365,137
13	2010	50.0	Sussex County/John Ashman, 302-855-1299	Inland Bays Regional WWF treatment & disposal expansion	65,333	Inland Bays/WPCC-3042C-90 (spray permit)	\$29,000,000
14	2010	50.0	Selbyville/Robert Dickerson, 302-436-8314	Wastewater Treatment Plant Improvements, Phases 3 and 4	1,800	Inland Bays/NPDES DE 00200010	\$ 4,410,900
15	2010	45.7	Sussex County/John Ashman, 302-855-1299	Millville Expansion of the Bethany Beach Sanitary Sewer District (Contract F)	1,523	Inland Bays/NPDES - 0050008 (SCRWF)	\$ 4,000,000
16	2010	45.4	Selbyville/Robert Dickerson, 302-436-8314	East Selbyville Sewer Improvements	500	Inland Bays/NPDES DE 00200010	\$ 2,393,000

Rank	Year	Priority Points	Municipality/Contact Person	Project Title	Population affected by Project	Waterbody/NPDES	SRF Funding Request
17	2010	45.0	Wilmington/Kash Srinivasan, 302-576-3070	Green Infrastructure Projects for the TMDL areas	72,000	Brandywine and Christina Rivers/DE0020320 (Wilmington WWTP)	\$ 1,850,000
18	2010	44.8	Sussex County/John Ashman, 302-855-1299	Piney Neck Road Expansion DFSDD	3,028	Inland Bays/WPCC-3042196 (Spray permit Piney Neck RWF)	\$ 1,400,000
19	2010	43.2	New Castle County/Jason Zern, 302-395-5780	Covered Bridge Farms Septic Elimination	500	TBD / NA	\$11,450,000
20	2010	41.7	New Castle County/Jason Zern, 302-395-5780	North Star Septic Elimination	525	TBD / NA	\$ 6,800,000
21	2010	40.0	Kent County Hans Medlarz, 302-744-2430	Ultraviolet (UV) Disinfection System Kent County RWTF	82,000	Murderkill River/ DE002338	\$ 1,560,000
22	2010	37.2	Milford/David Baird, 302-422-6616	North Shores Subdivision Sewer Extension Project	163	Mispillion River/n/a	\$ 1,083,714
23	2010	36.6	New Castle County/Jason Zern, 302-395-5780	Tenby Chase Septic Elimination	120	TBD / NA	\$ 1,675,000
24	2010	36.6	New Castle County/Jason Zern, 302-395-5780	Hillstream II Septic Elimination	120	TBD / NA	\$ 1,675,000
25	2010	35.2	Georgetown/Gene Dvornik, 302-856-7391	South Bedford Pump Station Upgrade	168	Inland Bays / n/a	\$ 490,000

Rank	Year	Priority Points	Municipality/Contact Person	Project Title	Population affected by Project	Waterbody/NPDES	SRF Funding Request
26	2010	35.2	New Castle County/Jason Zern, 302-395-5780	Marilyn Drive Septic Elimination	15	TBD / N/A	\$ 375,000
27	2010	35.0	Milford/David Baird, 302-422-6616	North Front Street Sewer Replacement project	6,500	Mispillion River/N/A	\$ 2,646,082
28	2010	35.0	Dover/Ron Lunt, 302-736-7070	Delaware State Pumping Station Replacement #18	4,192	Silver Lake/N/A	\$ 336,400
29	2010	35.0	Laurel/Woody Vickers, 302-875-2277	Rossakatum Branch Sewer Crossing	3,668	Rossakatum Branch/N/A	\$ 227,371
30	2010	35.0	Delmar/Sara Bynum-King, 302-896-2777	Delmar Sewerage Infiltration and Inflow Investigation and Repair	3,500	Chesapeake watershed/ NPDES 00-DP-0593A	\$ 343,000
31	2010	35.0	Dover/Ron Lunt, 302-736-7070	Inflow/Infiltration Removal	2,487	Murdekill River/Kent County WTF	\$ 1,800,000
32	2010	35.0	Dover/Ron Lunt, 302-736-7070	Rt. 13 Sanitary Sewer Interceptor Project	2,487	St. Jones River/ N/A	\$ 3,362,481
33	2010	35.0	Bridgeville/Bonnie Walls, 302-737-7135	Hydrogeologic Study for the Wheately Property	2,273	Nanticoke River/NPDES DE 0020249	\$ 400,000
34	2010	35.0	Dover/Ron Lunt, 302-736-7070	Fox Hall / Retreat Main Rerouting	1,029	St. Jones River / N/A	\$ 107,200
35	2010	35.0	Dover/Ron Lunt, 302-736-7070	Acorn Lane Pumping Station Replacement #24	1,029	St. Jones River / N/A	\$ 336,400

Rank	Year	Priority Points	Municipality/Contact Person	Project Title	Population affected by Project	Waterbody/NPDES	SRF Funding Request
36	2010	35.0	Milford/David Baird, 302-422-6616	Route 1 East Sewer Extension Project	0	Mispillion River / n/a	\$ 3,953,010
37	2010	30.5	Sussex County/John Ashman, 302-855-1299	Concord Road Expansion Blades Sanitary Sewer District	256	Nanticoke River/(Seaford NPDES #)	\$ 500,000
38	2010	27.0	Smyrna/Ryan Flickinger, KCI, 302-731-9176	Sewer Infrastructure from Duck Creek to State Route 1	4,600	Duck Creek/TBD	\$ 1,650,000
39	2010	20.0	New Castle County/Jason Zern, 302-395-5780	Brandywine Hundred Clearwater Removal Program	75,000	TBD/NA	\$20,900,000
40	2010	20.0	New Castle County/Jason Zern, 302-395-5780	New Castle Area Manhole Rehabilitation	45,000	TBD / NA	\$ 1,200,000
41	2010	20.0	New Castle County / Jason Zern, 302-395-5780	North Delaware Interceptor Replacement	45,000	TBD / NA	\$17,000,000
42	2010	20.0	Sussex County / John Ashman, 302-855-1299	South Coastal Regional Wastewater Facility Surge Solution / John Ashman, SC 302-855-1299	38,500	Inland Bays / NPDES - 0050008 (SCRWF)	\$ 60,000
43	2010	20.0	New Castle County / Jason Zern, 302-395-5780	Bringhurst Woods Interceptor Improvements	35,000	Shellpot Creek / NA	\$ 6,500,000
44	2010	20.0	New Castle County / Jason Zern, 302-395-5780	Pike Creek Manhole Rehabilitation	20,000	Pike Creek / NA	\$ 300,000

Rank	Year	Priority Points	Municipality/Contact Person	Project Title	Population affected by Project	Waterbody/NPDES	SRF Funding Request
45	2010	20.0	New Castle County / Jason Zern, 302-395-5780	Knollwood Interceptor	14,500	Naamans Creek / NA	\$11,500,000
46	2010	20.0	New Castle County / Jason Zern, 302-395-5780	2008 Countywide Trenchless Rehabilitation	12,250	TBD / NA	\$ 3,950,000
47	2010	20.0	New Castle County / Jason Zern, 302-395-5780	Old State Road Interceptor Improvement	11,500	TBD / NA	\$ 975,000
48	2010	20.0	New Castle County / Jason Zern, 302-395-5780	Pike Creek Interceptor Replacement	9,800	TBD / TBD	\$ 2,000,000
49	2010	20.0	New Castle County / Jason Zern, 302-395-5780	South Delaware Section 4 Interceptor Replacement	8,000	TBD / NA	\$ 650,000
50	2010	20.0	New Castle County / Jason Zern, 302-395-5780	Farnhurst Pump Station Improvements	5,250	TBD / NA	\$ 660,000
51	2010	20.0	Laurel / Woody Vickers, 302-875-2277	Willow Street Culvert	3,668	Rossakatum Branch / n/a	\$ 287,875
52	2010	20.0	New Castle County / Jason Zern, 302-395-5780	Sunny Brae Interceptor Replacement	3,500	TBD / NA	\$ 4,175,000
53	2010	20.0	New Castle County / Jason Zern, 302-395-5780	Surrey Park Trunk Line Replacement	3,000	TBD / NA	\$ 3,600,000
54	2010	20.0	Smyrna / Ryan Flickinger, KCI, 302-731-9176	Upgrade of Greens Branch Pump Station for High School expansion	2,625	Duck Creek / TBD	\$ 520,000

Rank	Year	Priority Points	Municipality/Contact Person	Project Title	Population affected by Project	Waterbody/NPDES	SRF/Funding Request
55	2010	20.0	New Castle County / Jason Zern, 302-395-5780	Hyde Run Interceptor Improvement - Section 4-7, Phase I	2,500	TBD / NA	\$ 1,200,000
56	2010	20.0	New Castle County / Jason Zern, 302-395-5780	NB 2009 - Trenchless Rehabilitation	2,000	TBD / NA	\$ 6,125,000
57	2010	20.0	New Castle County / Jason Zern, 302-395-5780	Delaware City Pump Station Improvements	2,000	TBD / NA	\$ 600,000
58	2010	20.0	New Castle County / Jason Zern, 302-395-5780	Boxwood Sanitary Sewer Improvement	2,000	TBD / NA	\$ 825,000
59	2010	20.0	New Castle County / Jason Zern, 302-395-5780	Delaware City Sewer Replacement -Phase 3	1,500	TBD / NA	\$ 4,000,000
60	2010	20.0	New Castle County / Jason Zern, 302-395-5780	Brandywood Trunk Line Replacement	1,500	TBD / NA	\$ 3,500,000
61	2010	20.0	New Castle County / Jason Zern, 302-395-5780	Greenville Basin Manhole Rehabilitation	1,000	TBD / NA	\$ 400,000
62	2010	20.0	New Castle County / Jason Zern, 302-395-5780	Maple Square Collector System Replacement	1,000	TBD / NA	\$ 3,000,000
63	2010	20.0	New Castle County / Jason Zern, 302-395-5780	Robscott Manor Pump Station Improvements	1,000	TBD / NA	\$ 270,000
64	2010	20.0	New Castle County / Jason Zern, 302-395-5780	River Road Force Main Replacement	1,000	TBD / NA	\$ 350,000
65	2010	20.0	Blades / David Ruff, 302-629-7366	Blades Stormwater Improvements Phase II	956	Nanticoke River / N/A	\$ 275,000

Rank	Year	Priority Points	Municipality/Contact Person	Project Title	Population affected by Project	Waterbody/NPDES	SRF Funding Request
66	2010	20.0	New Castle County / Jason Zern, 302-395-5780	Edgemoor Gardens Collector System Replacement	700	TBD / NA	\$ 4,325,000
67	2010	20.0	New Castle County / Jason Zern, 302-395-5780	St. Georges Pump Station Improvements	600	TBD / NA	\$ 460,000
68	2010	20.0	Smyrna / Ryan Flickinger, KCI, 302-731-9176	Upgrades of New St. Pump Station	315	TBD / NA	\$ 200,000
69	2010	20.0	Smyrna / Ryan Flickinger, KCI, 302-731-9176	Green Meadows Pump Station & Force Main replacement	210	TBD / NA	\$ 195,000
70	2010	20.0	New Castle County / Jason Zern, 302-395-5780	Reserves at Ironside Pump Station Improvements	200	TBD / NA	\$ 375,000
71	2010	20.0	New Castle County / Jason Zern, 302-395-5780	Greenville Manor Pump Station Improvements	200	TBD / NA	\$ 545,000
72	2010	20.0	New Castle County / Jason Zern, 302-395-5780	Augustine Beach Sewer Improvements	150	TBD / NA	\$ 325,000
73	2010	20.0	Smyrna / Ryan Flickinger, KCI, 302-731-9176	Upgrades of West Shore Pump Station	74	TBD / NA	\$ 33,000
74	2010	20.0	Smyrna / Ryan Flickinger, KCI, 302-731-9176	Sanitary Sewer Replacement along S. Main St. in downtown Smyrna	0	TBD / NA	\$ 328,000
75	2010	20.0	Smyrna / Ryan Flickinger, KCI, 302-731-9176	Sanitary Sewer Replacement along N. Main St. in downtown Smyrna	0	TBD / NA	\$ 458,000

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76	2010	20.0	Smyrna / Ryan Flickinger, KCI, 302-731-9176	Sanitary Sewer Replacement along E. Commerce St. in downtown Smyrna	0	TBD / NA	\$ 516,000
77	2010	20.0	Smyrna / Ryan Flickinger, KCI, 302-731-9176	Sanitary Sewer Replacement along W. Commerce St. in downtown Smyrna	0	TBD / NA	\$ 401,000
78	2010	20.0	Smyrna / Ryan Flickinger, KCI, 302-731-9176	Replacement/Upgrades of Sanitary Sewer Mains on South Street.	0	TBD / NA	\$ 1,540,000
79	2010	20.0	Smyrna / Ryan Flickinger, KCI, 302-731-9176	Sanitary Sewer Replacement on W. Cummins St.	0	TBD / NA	\$ 495,000
80	2010	20.0	New Castle County / Michael Harris 302-395-5806	Barbs Farm Stormwater Management Farm Retrofit	0	TBD / DelDOT and NCC MS4 permit	\$ 50,000
81	2010	20.0	New Castle County / Michael Harris 302-395-5806	Buena Vista Stormwater Management Farm Retrofit	0	TBD / DelDOT and NCC MS4 permit	\$ 100,000
82	2010	20.0	New Castle County / Michael Harris, 302-395-5806	Chestnut Valley 1 and 2, Stormwater Management Farm Retrofit	0	TBD / DelDOT and NCC MS4 permit	\$ 125,000
83	2010	20.0	New Castle County / Michael Harris, 302-395-5806	Country Woods Stormwater Management Farm Retrofit	0	TBD / DelDOT and NCC MS4 permit	\$ 100,000
84	2010	20.0	New Castle County / Michael Harris, 302-395-5806	Hills of Hockessin Stormwater Management Farm Retrofit	0	TBD / DelDOT and NCC MS4 permit	\$ 130,000

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85	2010	20.0 New Castle County / Michael Harris, 302-395-5806	Rockwood Woods Stormwater Management Farm Retrofit	0	TBD / DelDOT and NCC MS4 permit	\$ 68,000
86	2010	20.0 New Castle County / Michael Harris, 302-395-5806	Terraces at Iron Hill Stormwater Management Farm Retrofit	0	TBD / DelDOT and NCC MS4 permit	\$ 160,000
87	2010	20.0 New Castle County / Michael Harris, 302-395-5806	Airport Industrial Park 2 Stormwater Management Farm Retrofit	0	TBD / DelDOT and NCC MS4 permit	\$ 120,000
88	2010	18.0 New Castle County / Jason Zern, 302-395-5780	Winterset Farms Collector System Replacement	634	TBD / NA	\$ 2,550,000
1	2011	70.0 DNREC / Carla Waller, DNREC 302-739-9941	State of Delaware Non-Point Source Water Polluting Control Loan Program	400,000	State-wide / NA	\$ 1,500,000
2	2011	64.9 Sussex County / John Ashman, 302-855-1299	Western Sussex Regional Wastewater Facility / John Ashman, SC 302-855-1299	9,800	Nanticoke River / TBD	\$10,000,000
3	2011	56.2 Selbyville / Robert Dickerson, 302-436-8314	West Selbyville Sewer Improvements	400	Inland Bays / NPDES DE 0020010	\$ 3,098,500
4	2011	45.0 Seaford / Dolores Slatcher, 302-629-9173	Seaford Wastewater Treatment Septage Receiving and Grit Removal	7,200	Nanticoke River / NPDES DE 0020265	\$ 3,246,908

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5	2011	40.0	Sussex County / John Ashman, 302-855-1299	SR 26 Phase III Expansion	7,300	Inland Bays / NPDES - 0050008 (SCRWF)	\$ 2,680,000
6	2011	35.0	Newark / Roy Simonson, 302-366-7055	Rehabilitation of Sewer Lines along the Christina and White Clay Creeks	28,547	Christina and White Clay Creeks / n/a	\$ 3,500,000
7	2011	35.0	Newark / Roy Simonson, 302-366-7055	Removal of 1.5 Miles of Sewer Line along the White Clay Creek	28,547	White Clay Creek / n/a	\$ 350,000
8	2011	20.0	New Castle County / Jason Zern, 302-395-5780	Governor Printz Interceptor Replacement	35,000	TBD / NA	\$20,900,000
9	2011	20.0	New Castle County / Jason Zern, 302-395-5780	State Road Interceptor Improvement	0	TBD / NA	\$ 700,000
1	2012	82.4	Rehoboth Beach / Sam Cooper, 302-227-4641	City of Rehoboth Beach Ocean Outfall	1,495	Inland Bays / NPDES - DE 0020028	\$36,000,000
2	2012	70.0	DNREC / Carla Waller, DNREC 302-739-9941	State of Delaware Non-Point Source Water Polluting Control Loan Program	400,000	State-wide / NA	\$ 1,500,000
3	2012	64.9	Greenwood / Doris Adkins, 302-349-4534	Greenwood Wastewater Facility	508	Nanticoke River / n/a	\$ 8,590,000

Rank	Year	Priority Points	Municipality/Contact Person	Project Title	Population affected by Project	Waterbody/NPDES	SRF Funding Request
1	2013	70.0	DNREC / Carla Waller, DNREC 302-739-9941	State of Delaware Non-Point Source Water Polluting Control Loan Program	400,000	State-wide / NA	\$ 1,500,000
1	2014	70.0	DNREC / Carla Waller, DNREC 302-739-9941	State of Delaware Non-Point Source Water Polluting Control Loan Program	400,000	State-wide / NA	\$ 1,500,000
1	2015	70.0	DNREC / Carla Waller, DNREC 302-739-9941	State of Delaware Non-Point Source Water Polluting Control Loan Program	400,000	State-wide / NA	\$ 1,500,000